

## WHAT IS CLAIMED IS:

1. An architectural molding, said molding comprising:  
 an extruded flexible plastic foam member having a front  
 side, a rear side and a cross sectional profile;  
 a layer of pressure sensitive adhesive affixed to at least  
 a portion of said rear side; and  
 a release strip releasibly adhered to said layer of  
 pressure sensitive adhesive.

~~2. A molding according to claim 1, wherein said molding is  
 packaged in a continuous length greater than 30 feet.~~

~~3. A molding according to claim 1, wherein said cross  
 sectional profile provides nesting of multiple layers of said  
 molding~~

~~4. A molding according to claim 1, wherein said front side  
 is paintable.~~

5. A molding according to claim 1, wherein said foam member  
 is pre-colored.

6. A molding according to claim 1, wherein said front side  
 is corona treated to accept paint.

7. A molding according to claim 1, wherein said front side  
 is pre-primed to accept paint.

8. A molding according to claim 1, wherein said molding is  
 packaged in a roll.

9. A molding according to claim 1, wherein said molding is  
 adapted for application on a base portion of a wall, said release  
 strip being removed from said pressure sensitive adhesive and

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4 said pressure sensitive adhesive being adhered to said base  
5 portion.

1 10. A molding according to claim 1, wherein said molding  
2 is adapted for application on a mid-portion of a wall, said  
3 release strip being removed from said pressure sensitive adhesive  
4 and said pressure sensitive adhesive being adhered to said mid-  
5 portion.

11. A molding according to claim 1, wherein said front side  
has a surface which has a front surface profile, said front  
surface profile having a profile of crown molding.

12. A molding according to claim 1, wherein said profile  
is constant.

13. A molding according to claim 1, wherein said profile  
is adapted to span from a top portion of a wall to an edge  
portion of a ceiling.

14. A molding according to claim 1, wherein said member is  
made of a flexible plastic foam material selected from the group  
consisting of polyethylene, rubber latex, polypropylene,  
polyurethane and polyvinyl chloride.

15. A molding according to claim 1, wherein said member is  
made of polyethylene foam.

16. A method for installing an architectural molding to a  
structure, said method comprising:

providing said molding, said molding having:

an extruded flexible plastic foam member having a  
front side, a rear side and a cross sectional  
profile;

a layer of pressure sensitive adhesive affixed to at

8           least a portion of said rear side; and  
 9           a release strip releasibly adhered to said layer of  
 10           pressure sensitive adhesive;  
 11       removing a portion of said release strip to expose a  
 12           portion of said pressure sensitive adhesive;  
 13       adhering said exposed portion to said structure;  
 14       flexing a portion of said molding not yet adhered to said  
 15           structure away from said structure and removing an  
 16           additional portion of said release strip to expose an  
 17           additional portion of said pressure sensitive  
 18           adhesive; and  
 19       adhering said additional portion to said structure.

20       17. A method according to claim 16, further comprising  
 21       applying a desired aesthetic coating to said molding.

22       18. A method according to claim 16, further comprising  
 23       joining segments of said molding with a butt-joint or a mitered  
 24       joint.

25       19. A method according to claim 16, further comprising  
 26       ~~joining abutting portions of said molding with heat bonding or~~  
 27       ~~adhesive bonding.~~

28       20. A tool for the application of an architectural molding  
 29       between a wall and a ceiling, said molding having a front side,  
 30       a rear side and a cross sectional profile, said tool comprising:  
 31       a ceiling following surface;  
 32       a wall following surface;  
 33       a profile following surface; and  
 34       a handle, said handle providing a manual grip for sliding  
 35           said tool along a wall and ceiling intersection and  
 36           said profile following surface providing pressure  
 37           resistive support to a central portion of said  
 38           profile, while permitting respective outer portions of

12 said profile to be pressed against said wall and said  
13 ceiling.

1 21. A tool according to claim 20, wherein said ceiling  
2 following surface and said wall following surface are provided  
3 by an element having a generally right angle cross section, said  
4 element having a first inside surface, a second inside surface,  
5 a first outside surface corresponding to said ceiling following  
6 surface and a second outside surface corresponding to said wall  
7 following surface, and wherein said profile following surface is  
8 provided by a block of flexible plastic foam having a surface  
9 matching said central portion of said profile and surfaces  
10 attached to said first and said second inside surfaces.

1 22. A tool according to claim 21, wherein said handle is  
2 provided by an extension from said element adapted for gripping.

3 23. A method for installing an architectural molding  
4 between a wall and a ceiling, said method comprising:  
5 providing said molding, said molding having:

6 an extruded flexible plastic foam member having a  
7 front side, a rear side and a profile;  
8 a pressure sensitive adhesive affixed to at least a  
9 portion of said rear side; and  
10 a release strip releasably adhered to said pressure  
11 sensitive adhesive;

12 providing a tool having:

13 a ceiling following surface;  
14 a wall following surface;  
15 a profile following surface; and  
16 a handle, said handle providing a manual grip for  
17 sliding said tool along a wall and ceiling  
18 intersection and said profile following surface  
providing pressure resistive support to a central  
portion of said profile, while permitting

19                   respective outer portions of said profile to be  
 20                   pressed against said wall and said ceiling;  
 21       placing said tool against said intersection;  
 22       removing a portion of said release strip to expose a wall  
 23           portion and a ceiling portion of said pressure  
 24           sensitive adhesive;  
 25       placing said central portion against said profile following  
 26           surface and adhering said wall portion to said wall  
 27           and said ceiling portion to said ceiling;  
 28       flexing a portion of said molding not yet adhered to said  
 29           wall or ceiling away from said wall or ceiling,  
 30           respectively, and removing an additional portion of  
 31           said release strip to expose an additional portion of  
 32           said pressure sensitive adhesive;  
 33       sliding said tool to cooperate with said flexed portion;  
 34           and  
 35       adhering said additional portion of said pressure sensitive  
 36           adhesive to said wall or ceiling.

1       24. An architectural molding adapter comprising:  
 2       an elongate sheet of plastic material having a back side  
 3           and a front side;  
 4       a plurality of longitudinal fold grooves in said sheet;  
 5       a pressure sensitive adhesive affixed to longitudinal  
 6           peripheral portions of said back side; and  
 7       a release strip releasibly adhered to said pressure  
 8           sensitive adhesive, said adapter being adapted to  
 9           provide an intermediate attachment point for multiple  
 10          rows of crown molding when said adapter is folded  
 11          along a plurality of said fold grooves into a  
 12          generally rectangular cross section structure when  
 13          attached to a wall and ceiling.

1       25. A method for installing multiple rows of pressure  
 2       sensitive adhesive backed crown molding, said method comprising:

3 providing an elongate sheet of plastic material having a  
4 back side and a front side, a plurality of  
5 longitudinal fold grooves in said sheet, a pressure  
6 sensitive adhesive affixed to longitudinal peripheral  
7 portions of said back side and a release strip  
8 releasibly adhered to said pressure sensitive  
9 adhesive;  
10 folding said sheet along a plurality of said fold grooves  
11 to form a generally rectangular cross section in  
12 combination with a wall and a ceiling;  
13 removing at least a portion of said release strip;  
14 attaching said folded sheet to a top portion of said wall  
15 and to an edge portion of said ceiling;  
16 attaching a first row of said molding between said ceiling  
17 and said folded sheet; and  
18 attaching a second row of said molding between said folded  
19 sheet and said wall.

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